



SMA CK-pan EpCAM

The best performing Optibodies™ in external quality assessments.
Excellent alternatives for more challenging clones.

Nordic BioSite is proud to present the best performing Optibodies™ from our portfolio of mouse and rabbit monoclonal antibodies, which is developed to meet increasing demands in diagnostics. Optibodies™ are optimized and extensively validated for IHC using recommended control tissues and staining criteria.

KEY FEATURES

- HIGH AFFINITY AND SPECIFICITY
- HIGH SIGNAL TO NOISE RATIO
- OPTIMIZED FOR HIGH pH HIER
- EXCELLENT STABILITY
- OPTIMAL STAINING RESULTS IN EXTERNAL QUALITY ASSESSMENTS

Anti-SMA, clone BS66, BSH-7459. Tissue sections of liver (Fig. 1) and gastrointestinal stromal tumor - GIST (Fig. 2) stained with SMA clone BS66. In the liver perisinusoidal cells and vessel endothelial cells in the portal area show intense staining without any staining of hepatocytes and bile ducts. The majority of the neoplastic cells in GIST show a distinct staining reaction.

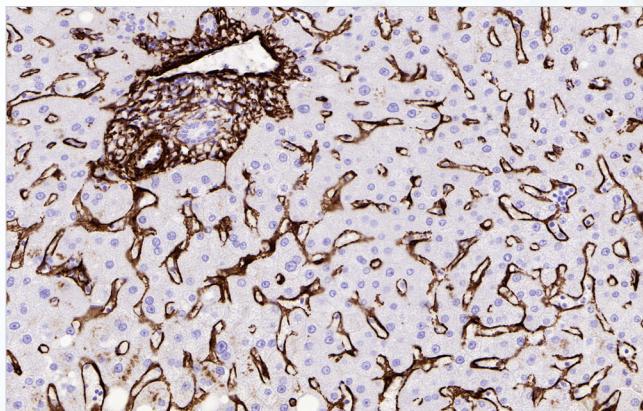


Fig. 1: Liver

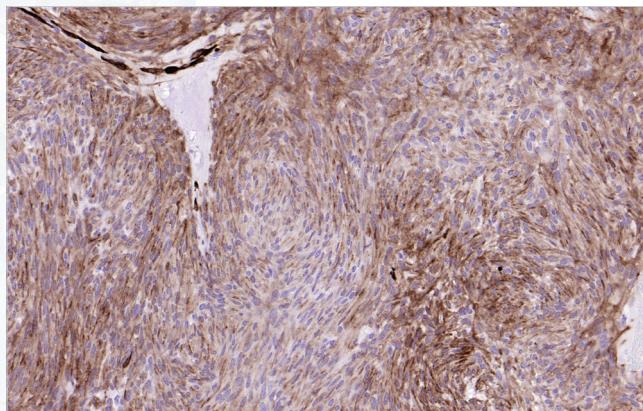


Fig. 2: Gastrointestinal stromal tumor (GIST)

Anti-Cytokeratin pan, clone BS5, BSH -7124. Images of liver (Fig. 3) and squamous lung cell carcinoma, SqLCC, (Fig. 4). Stained with CK-pan clone BS5, the liver bile duct epithelial cells show strong staining reaction, while all hepatocytes express moderate cytoplasmic and distinct membranous staining reaction. In SqLCC tissue a strong staining reaction can be seen in normal epithelial cells and neoplastic cells.

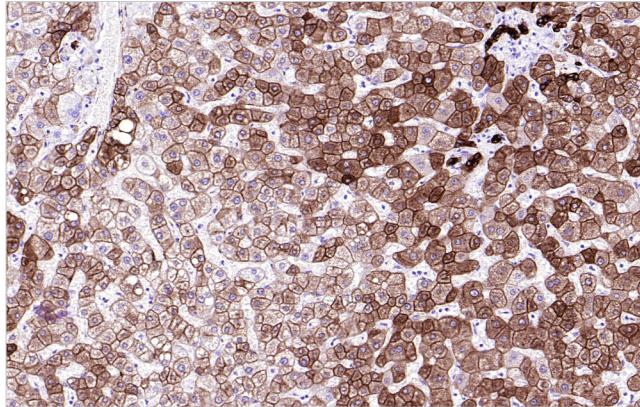


Fig. 3: Liver

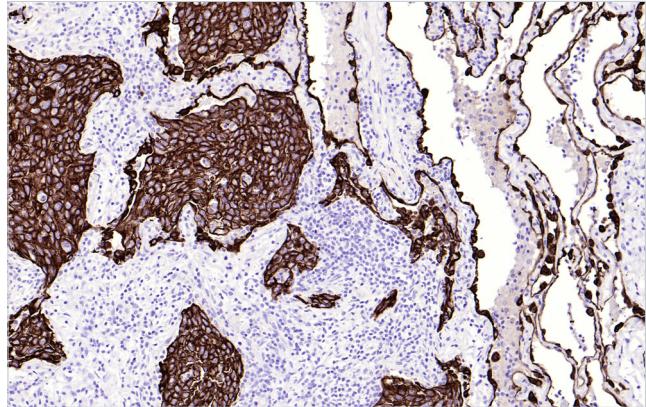


Fig. 4: Squamous lung cell carcinoma (SqLCC)

Anti-EpCAM, clone BS14, BSH-7402. Staining of kidney section (Fig. 5) and colon carcinoma (Fig. 6). EpCAM, clone BS14, shows a strong, predominantly membranous, staining reaction in epithelial cells of collecting tubules. A weak to moderate reaction is also observed in epithelial cells of the proximal tubules, and on epithelial cells lining the Bowman capsule as membranous staining. In colon carcinoma, virtually all the neoplastic cells show a moderate to strong membranous staining. The vast majority of neoplastic cells show a moderate to strong membranous staining in colon carcinoma.

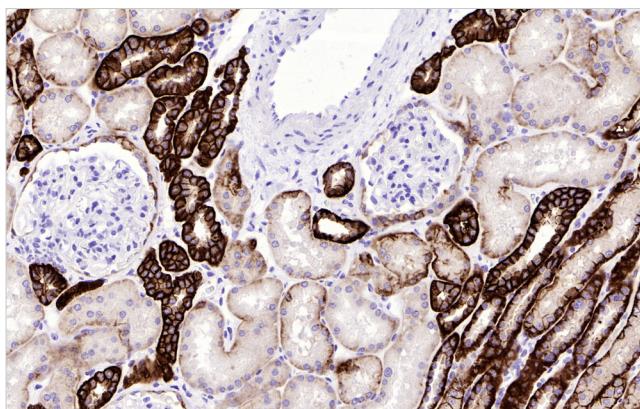


Fig. 5: Kidney

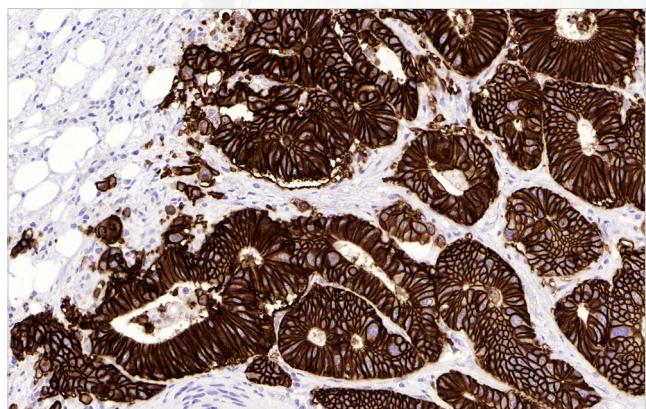


Fig. 6: Colon carcinoma

More information and more high-quality images
available at nordicbiosite.com